



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

Regulatory Tracking Summary

10 July 2015

This report summarizes regulatory items reviewed by the NASA RRAC PC and includes items with direct applicability to NASA facilities and operations, as well as items of general interest. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "80 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility.

Members of the NASA stakeholder community who are interested in receiving regulatory updates and alerts by e-mail may self-enroll at <https://lists.nasa.gov/mailman/listinfo/rrac>. Previous issues of this regulatory summary and other materials are archived on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>.

Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Manager, Sharon Scroggins at 256-544-7932 (sharon.scroggins@nasa.gov).

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Acronyms and Abbreviations

AAM = Alabama Administrative Monthly	NESHAP = National Emission Standards for Hazardous Air Pollutants
AAC = Alabama Administrative Code	NO _x = Nitrogen oxides
AB = Assembly Bill	NPDES = National Pollutant Discharge Elimination System
AQ = Air Quality	NSPS = New Source Performance Standard
ARB = California Air Resources Board	OAC = Ohio Administrative Code
BAAQMD = Bay Area Air Quality Management District	OEHHA = Office of Environmental Health Hazard Assessment
CCL = Contaminant Candidate List	OEPA = Ohio Environmental Protection Agency
CCR = <i>California Code of Regulations</i>	OSHSB = Occupational Safety and Health Standards Board
CFR = <i>Code of Federal Regulations</i>	PCB = Polychlorinated Biphenyl
CO = Carbon monoxide	PRD = Program Requirements Document
CO ₂ = Carbon dioxide	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
COMAR = Code of Maryland Regulations	RCRA = Resource Conservation and Recovery Act
CRNR = <i>California Regulatory Notice Register</i>	RIN = Regulatory Identification Number
CRO = Cessation of Regulated Operations	ROD = Record of Decision
CWA = Clean Water Act	RP = Radiation Protection
DAPC = Division of Air Pollution Control	RRAC PC = Principal Center for Regulatory Risk Analysis and Communication
DMWM = Division of Materials and Waste Management	SIP = State Implementation Plan
DPP = Dipentyl phthalate	SMARTS = Storm Water Multiple Application and Report Tracking System
DSW = Division of Surface Water	SNAP = Significant New Alternatives Policy
EA = Environmental Assessment	SNUR = Significant New Use Rule
ECHA = European Chemicals Agency	SO ₂ = Sulfur dioxide
EKAPCD = Eastern Kern Air Pollution Control District	SSM = Startup, shutdown, and malfunction
EPA = U.S. Environmental Protection Agency	SVHC = Substances of Very High Concern
EU = European Union	SWRCB = State Water Resources Control Board
F.A.C. = Florida Administrative Code	TCA = 1,1,1-Trichloroethane
FAR = <i>Florida Administrative Register</i>	TCE = Trichloroethylene
FONSI = Finding of No Significant Impact	TMDL = Total maximum daily load
FR = <i>Federal Register</i>	TSDF = Treatment, Storage and Disposal Facility
GHG = Greenhouse gas	U.S. = United States
HARP2 = Hot Spots Analysis and Reporting Program	USACE = United States Army Corps of Engineers
HGB = Houston-Galveston-Brazoria	UVCB = Unknown, of Variable Composition, or of Biological Origin
HFC = Hydrofluorocarbon	VAC = Virginia Administrative Code
ICE = Internal combustion engine	VCAPCD = Ventura County Air Pollution Control District
LAC = Louisiana Administrative Code	VDEQ = Virginia Department of Environmental Quality
LaRC = Langley Research Center	VOC = Volatile organic compound
MAF = Michoud Assembly Facility	VPDES = Virginia Pollutant Discharge Elimination System
MDAQMD = Mojave Desert Air Quality Management District	WFF = Wallops Flight Facility
MDE = Maryland Department of the Environment	WQ = Water Quality
Md.R. = <i>Maryland Register</i>	
MMBtu/hr = Million British thermal units per hour	
MPSC = Maryland Public Service Commission	
MRR = Mandatory Greenhouse Gas Reporting Regulation	
MS4 = Municipal Separate Storm Sewer System	
NAAQS = National Ambient Air Quality Standards	
NASA = National Aeronautics and Space Administration	

1.0 U.S. Federal Regulatory Review

1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts to NASA Centers and related operations.

Tracking Number	Subject	Date Published	Citation	Type Action	Description																																				
FED071015-1	Air GHGs	07/01/2015	80 FR 37757 HTML PDF	Proposed Rule	<p>U.S. Environmental Protection Agency</p> <p>Proposed Finding That Greenhouse Gas Emissions From Aircraft Cause or Contribute to Air Pollution That May Reasonably Be Anticipated To Endanger Public Health and Welfare and Advance Notice of Proposed Rulemaking [40 CFR Parts 87 and 1068]</p> <p>Proposes to determine that GHG emissions from certain classes of engines used in aircraft are contributing to air pollution. Also provides information on the process for setting international CO₂ standards for aircraft, and solicits comments on adopting a corresponding domestic standard. Comments due 08/31/2015. [RIN 2060-AS31]</p> <p>Future rulemaking would apply to commercial aircraft but not to military aircraft or small piston-engine planes.</p>																																				
FED071015-2	Species	07/01/2015	80 FR 37568 HTML PDF	Notice	<p>U.S. Fish and Wildlife Service</p> <p>Endangered and Threatened Wildlife and Plants; 90-Day Findings on 31 Petitions [50 CFR Part 17]</p> <p>Announces the initiation of status reviews for 21 species, including the following:</p> <table border="1"> <thead> <tr> <th>Species</th> <th>Location</th> </tr> </thead> <tbody> <tr> <td>Alligator Snapping Turtle</td> <td>Alabama (statewide), Louisiana (statewide), Mississippi (statewide), Texas (statewide)</td> </tr> <tr> <td>Arizona Toad</td> <td>California (statewide), New Mexico (statewide), Utah (statewide)</td> </tr> <tr> <td>Cascade Caverns Salamander</td> <td>Texas (statewide)</td> </tr> <tr> <td>Cascades Frog</td> <td>California (statewide)</td> </tr> <tr> <td>Cedar Key Mole Skink</td> <td>Florida (statewide)</td> </tr> <tr> <td>Foothill Yellow-legged Frog</td> <td>California (statewide)</td> </tr> <tr> <td>Gopher Frog</td> <td>Alabama (statewide), Florida (statewide)</td> </tr> <tr> <td>Gray Wolf</td> <td>Box Elder and Davis Counties, Utah</td> </tr> <tr> <td>Green Salamander</td> <td>Maryland (statewide)</td> </tr> <tr> <td>Kern Canyon Slender Salamander</td> <td>California (statewide)</td> </tr> <tr> <td>Relictual Slender Salamander</td> <td>California (statewide)</td> </tr> <tr> <td>Rim Rock Crowned Snake</td> <td>Monroe County, Florida</td> </tr> <tr> <td>Rio Grande Cooter</td> <td>New Mexico (statewide), Texas (statewide)</td> </tr> <tr> <td>Southern Hog-nosed Snake</td> <td>Florida (statewide)</td> </tr> <tr> <td>Spotted Turtle</td> <td>Florida (statewide), Maryland (statewide)</td> </tr> <tr> <td>Weller's Salamander</td> <td>Virginia (statewide)</td> </tr> <tr> <td>Western Spadefoot Toad</td> <td>California (statewide)</td> </tr> </tbody> </table> <p>Comments due 08/31/2015.</p>	Species	Location	Alligator Snapping Turtle	Alabama (statewide), Louisiana (statewide), Mississippi (statewide), Texas (statewide)	Arizona Toad	California (statewide), New Mexico (statewide), Utah (statewide)	Cascade Caverns Salamander	Texas (statewide)	Cascades Frog	California (statewide)	Cedar Key Mole Skink	Florida (statewide)	Foothill Yellow-legged Frog	California (statewide)	Gopher Frog	Alabama (statewide), Florida (statewide)	Gray Wolf	Box Elder and Davis Counties, Utah	Green Salamander	Maryland (statewide)	Kern Canyon Slender Salamander	California (statewide)	Relictual Slender Salamander	California (statewide)	Rim Rock Crowned Snake	Monroe County, Florida	Rio Grande Cooter	New Mexico (statewide), Texas (statewide)	Southern Hog-nosed Snake	Florida (statewide)	Spotted Turtle	Florida (statewide), Maryland (statewide)	Weller's Salamander	Virginia (statewide)	Western Spadefoot Toad	California (statewide)
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FED071015-3	Toxic Substances SNURs	06/30/2015	80 FR 37161 HTML PDF	Final Rule	<p>U.S. Environmental Protection Agency</p> <p>Modification of Significant New Uses of Certain Chemical Substances [40 CFR Part 721]</p> <p>Finalizes SNURs for multiple chemical compounds. Persons must notify EPA at least 90 days before manufacturing, importing, or processing any of these substances for use in activities designated in the rule as "significant new uses." Effective 08/31/2015. [RIN 2070-AB27]</p>																																				

Tracking Number	Subject	Date Published	Citation	Type Action	Description
FED071015-4	Waste Hazardous Waste	07/02/2015	80 FR 37994 HTML PDF	Final Rule Correction	U.S. Environmental Protection Agency Polychlorinated Biphenyls (PCBs): Revisions to Manifesting Regulations; Item Number [40 CFR Part 761] Finalizes corrections to technical references in the hazardous waste manifest form for generators, transporters, and designated facilities managing PCB wastes. Effective 07/02/2015.
FED071015-5	Water	06/29/2015	80 FR 37053 HTML PDF	Final Rule	U.S. Environmental Protection Agency Clean Water Rule: Definition of "Waters of the United States" [40 CFR Parts 110, 112, 116, 117, 122, 230, 232, 300, 302, and 401] Finalizes revisions to the scope of waters protected under the CWA, including: <ul style="list-style-type: none"> ▪ Defining and setting parameters intended to protect various waters and wetlands that impact the health of downstream waters ▪ Providing boundaries related to extending safeguards to nearby waters that impact downstream waters ▪ Limiting protection of ditches to those that function like streams ▪ Maintaining the status of waters within MS4s ▪ Reducing the use of case-specific analysis of waters Effective 08/28/2015. [RIN 2040-AF30]
FED071015-6	Water Drinking Water	07/08/2015	80 FR 39104 HTML PDF	Notice Meeting	U.S. Environmental Protection Agency Notification of a Public Teleconference of the Science Advisory Board; Drinking Water Committee Announces a public teleconference to review the draft report on EPA's draft CCL 4 . Teleconference is scheduled for 08/03/2015. Additional information is available on EPA's website.
FED071015-7	Water Water Quality	06/29/2015	80 FR 36986 HTML PDF	Notice	U.S. Environmental Protection Agency Final Updated Ambient Water Quality Criteria for the Protection of Human Health Announces availability of the final updated National Recommended Water Quality Criteria for the protection of human health for 94 chemical substances , including TCE, TCA, numerous other halogenated solvents, phthalates, and other substances.

1.2 Other News and Developments

1.2.1 Significant New Alternatives Policy Program Final Rule

On 02 July 2015, the U.S. Environmental Protection Agency (EPA) announced the availability of the [pre-publication version](#) of a final rule that changes the listing status of certain chemicals included in the Significant New Alternatives Policy (SNAP) program. SNAP implements Section 612 of the amended Clean Air Act of 1990, which requires EPA's continued review of alternatives to ozone-depleting substances. This final rule changes the status under SNAP of various hydrofluorocarbons (HFCs) and HFC-containing blends from acceptable to unacceptable; acceptable, subject to use conditions; or acceptable, subject to narrowed use limits for a number of substitutes. This action is applicable to certain HFCs used in aerosols, refrigeration, air conditioning, and foam blowing. The rule includes a narrowed use limit for space and aeronautics-related applications of certain foam blowing agents, including HFC 245fa-blown pour foams, through 31 December 2021. This rule will become effective 30 days after date of publication in the *Federal Register*. Additional information is available on EPA's [website](#).

1.2.2 Comparison of Climate Change Adaptation Plans

The United States Army Corps of Engineers (USACE) recently [announced](#) the availability of a [report](#) that compares adaptation plans submitted to the Council of Environmental Quality and Office of Management and Budget in 2014. The plans are required from each federal agency under the President's Climate Action Plan and Executive Order 13653, "Preparing the United States for the Impacts of Climate Change." The purpose of the report is to facilitate collaboration and

information sharing, identify actions taken by federal agencies that may be useful to USACE, and support a gap analysis to guide future actions.

1.2.3 European Chemicals Agency Updates

As part of its implementation of the European Union's (EU's) regulation on the Registration, Evaluation, Authorisation and Restriction of Chemicals ([REACH](#)), the European Chemical Agency ([ECHA](#)) has [recommended](#) 15 substances of very high concern ([SVHCs](#)) for inclusion in REACH Annex XIV, [Authorisation List](#). Substances added to Annex XIV require special authorization for continued manufacture and use in the EU after an assigned "sunset" date. The substances recommended for addition to the Authorization List are listed in the following table:

Substance Name	CAS Number	Common Uses of Substance
1-bromopropane (n-propyl bromide)	106-94-5	Degreasing, adhesives, solvents
Bis(2-methoxyethyl) phthalate	117-82-8	Plasticizer, solvents, adhesives
Dipentyl phthalate (DPP)	131-18-0	Plasticizer
Diisopentylphthalate	605-50-5	Chemicals production
Diboron trioxide	1303-86-2	Glass, enamels
Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	Detergents, enamels
Boric acid	10043-35-3, 11113-50-1	Antiseptics, pesticides, preservatives, fiberglass
Tetraboron disodium heptaoxide, hydrate	12267-73-1	Preservatives
Pitch, coal tar, high temperature.	65996-93-2	Byproduct of coal processing
1,2- Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters	68515-42-4	Plasticizer
1,2- Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich	71888-89-6	Plasticizer
1,2- Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	Plasticizer
Anthracene oil	90640-80-5	Byproduct of coal processing
N-pentyl-isopentylphthalate	776297-69-9	Chemical synthesis
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	NA	Lubricants, detergents, emulsifiers

Although requirements associated with REACH do not directly affect operations in the U.S., they can affect the global supply chain and potentially reduce future availability of regulated substances. Additional information is available on the [ECHA website](#).

1.2.4 National Water Program Climate Change Workplan

EPA's Office of Water recently released the "[2015 Workplan: National Water Program Response to Climate Change](#)," which describes actions that the National Water Program is planning to take in 2015 to implement the National Water Program 2012 strategy. The 2012 strategy describes 19 climate change response-related goals and 53 supporting actions; the 2015 Workplan's actions are directly linked to these goals. Additional information is available on EPA's [website](#).

1.2.5 Petroleum Vapor Intrusion Webinar

The Interstate Technology and Regulatory Council has scheduled a [webinar](#) for 27 August 2015 to discuss a recently released guidance document, titled "[Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management](#)." The document provides guidance on tools and strategies for evaluating vapor intrusion at sites contaminated with petroleum hydrocarbons, including an eight-step management process. [Registration](#) is required for attendance.

1.3 NASA Regulatory Communication Working Group Updates

The next Regulatory Communication Working Group call will be held on Wednesday, 19 August 2015, at 10 a.m. Central Time.

2.0 State Regulatory Reviews

The following sections provide details about the regulatory actions reviewed for selected states in which NASA facilities and related operations are located.

2.1 Alabama State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Alabama](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
AL071015-1	Administration Forms	06/30/2015	AAM Vol. XXXIII Issue 9	Final Rule	Alabama Department of Environmental Management Departmental Forms, Instructions, and Procedures [AAC 335-1-1-.07] Finalizes amendments to add, delete, and modify multiple forms. Effective 08/04/2015.

2.2 California State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [California](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CA071015-1	Air Air Toxics	07/09/2015	ARB Website	Notice Meeting	California Air Resources Board Notice of Public Meeting Announces a public meeting to consider the approval of ARB's and the California Air Pollution Control Officers' Association's Risk Management Guidance for Stationary Sources of Air Toxics . Meeting is scheduled for 07/23/2015 in Sacramento, California. Comments due 07/20/2015. The report contains proposed guidance that California's 35 local air districts may elect to use when implementing OEHHA's revised risk assessment methodology.
CA071015-2	Occupational Safety	07/03/2015	CRNR 2015, 27z, p. 1104	Proposed Rule Hearing	Occupational Safety and Health Standards Board General Industry Safety Orders 3328(a) - Definition of Adequate Design [8 CCR 3328] Proposes to clarify the term "of adequate design" by replacing it with "designed or engineered to safely sustain all anticipated loads." Hearing is scheduled for 08/20/2015 in Sacramento, California. Comments due 08/20/2015. Would clarify that such machinery and equipment are capable of operating safely without failure under the loads imposed and that this requirement applies to the entire equipment or machinery system, including system component parts. Additional information is available on OSHSB's website.
CA071015-3	Toxic Substances Proposition 65	07/10/2015	CRNR 2015, 28z, p. 1171	Proposed Rule	Office of Environmental Health Hazard Assessment Notice of Intent to List: 1-Bromopropane [27 CCR 25306] Proposes to list 1-bromopropane as known to the state to cause cancer under the "authoritative bodies" listing mechanism. Comments due 08/10/2015. 1-Bromopropane, also called n-propyl bromide, is used in applications such as precision cleaning and spray adhesives.
CA071015-4	Water Storm Water	07/03/2015	SWRCB Website	Proposed Rule Hearing	State Water Resources Control Board Proposed Amendment to General Permit for Storm Water Discharges Associated with Industrial Activities (Order 2014-0057-DWQ) Extending Deadline for Electronic Submittals of Permit Registration Documents Proposes to amend the storm water industrial general permit by extending the deadline for dischargers to submit permit registration documents via SWRCB's electronic SMARTS tool to 08/14/2015. Hearing is scheduled for 08/04/2015 in Sacramento, California. Comments due 08/03/2015.

2.2.1 2013 GHG Emission Inventory and Data Evaluation

On 30 June 2015, the California Air Resources Board (ARB) [announced](#) availability of the [Greenhouse Gas \(GHG\) Emission Inventory Data for 2013](#) and the [2008-2013 GHG Emissions Data Summary](#). The GHG Emission Inventory is a compilation of data reported through the Mandatory GHG Reporting Regulation (MRR), which requires reporting of facility-wide GHG emissions for facilities that emit GHGs in quantities above certain thresholds. The 2008-2013 GHG Emissions Data Summary provides an evaluation of GHG emissions data reported from 2008 to 2013. According to new data, approximately 460 million metric tons of carbon dioxide equivalents were emitted from MRR facilities in 2013. In addition, ARB [announced](#) that California is on track to meet the GHG reduction goals established in Assembly Bill 32.

2.2.2 HARP Software Update

On 01 July 2015, ARB [released](#) a new version of the Hot Spots Analysis and Reporting Program (HARP2) software. The updated version includes a revised health risk assessment calculation processor, used in both the Air Dispersion Modeling & Risk Tool and Risk Assessment Standalone Tool, as well as a revised Emission Inventory Module (Version 2.0.4). Additional information is available on ARB's [website](#).

2.2.3 California Air Districts Regulatory Review

2.2.3.1 Antelope Valley Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Antelope Valley Air Quality Management District](#).

2.2.3.2 Bay Area Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [Bay Area Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAB071015-1	Air Fees	07/01/2015	BAAQMD Website	Notice	Bay Area Air Quality Management District Asbestos Operations Fee Increase Notice Announces increase of asbestos operations fee for asbestos demolition and renovation contractors. Fee schedule is available in Regulation III or the Compliance Advisory Notice . Effective 07/01/2015.
CAB071015-2	Air Fees	07/01/2015	BAAQMD Website	Notice	Bay Area Air Quality Management District Open Burning Fee Increase Notice Announces increase of open burning operations fee by 9 percent for all outdoor fires for fire training or other fires applicable to Regulation V . Fee schedule is available in Regulation III or the Compliance Advisory Notice . Effective 07/01/2015.

2.2.3.3 Eastern Kern Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [Eastern Kern Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAE071015-1	Air Toxics	07/02/2015	EKAPCD Website	Notice Hearing	Eastern Kern Air Pollution Control District Annual AB2588 Air Toxics Report Announces release of the Annual Air Toxics Report summarizing the air toxics program and provides the health risk assessment and prioritization score for NASA's Armstrong Flight Research Center (formerly Dryden Flight Research Center). Public hearing is scheduled for 07/30/2015 in Tehachapi, California.

2.2.3.4 Mojave Desert Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [Mojave Desert Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAM071015-1	Air Engines	07/06/2015	MDAQMD Website	Proposed Rule	<p>Mojave Desert Air Quality Management District</p> <p>Internal Combustion Engines [Rule 1160]</p> <p>Proposes amendments to Rule 1160 to address the following:</p> <ul style="list-style-type: none"> Reformat sections and include tables to clearly state requirements Add additional exemption text for portable and test stand engines Add verification procedure Extend record retention from 2 to 5 years Update test methods to be consistent with Rule 1160.1 <p>Compliance deadline to meet emission standards is 12/31/2016.</p>

2.2.3.5 South Coast Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [South Coast Air Quality Management District](#).

2.2.3.6 Ventura County Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [Ventura County Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
CAV071015-1	Air	06/29/2015	VCAPCD Website	Final Rule	<p>Ventura County Air Pollution Control District</p> <p>Boilers, Steam Generators and Process Heaters [Rule 74.15.1]</p> <p>Finalizes amendments to Rule 74.15.1 to revise the following requirements for gaseous- and liquid-fueled boilers, steam generators, and process heaters:</p> <ul style="list-style-type: none"> Establishes NO_x and CO emission standards for units between 2 and 5 MMBTU/hr capacity Requires annual screenings to be logged Requires source testing every 4 years <p>Effective 06/23/2015.</p>

2.3 Florida State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Florida](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
FL071015-1	Waste	07/06/2015	FAR Notice #16181266	Notice Meeting	<p>Department of Environmental Protection</p> <p>Contaminant Cleanup Target Levels [62-777, F.A.C.]</p> <p>Announces a meeting of the Contaminated Media Forum to discuss the following:</p> <ul style="list-style-type: none"> Technical issues of toxicology and risk assessment relating to the development of cleanup target levels Chapter 62-780, F.A.C., "Contaminated Site Cleanup Criteria" <p>Meeting is scheduled for 07/22/2015 in Tallahassee, Florida, and will be available via webinar.</p>

2.4 Louisiana State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Louisiana](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
LA071015-1	Air	07/20/2015	AQ352ft	Final Rule	Louisiana Department of Environmental Quality 2014 Annual Incorporation By Reference of Certain Federal Air Quality Regulations [LAC 33:III.506-507, 2160, 3003, 5116, 5311 and 5901] Finalizes amendments to incorporate by reference changes to the federal regulations found in 40 CFR Parts 51, Appendix M; 60; 61; 63; 68; 70.6(a); and 96. Effective 07/20/2015.
LA071015-2	Radiation Exposure	07/20/2015	RP058ft	Final Rule	Louisiana Department of Environmental Quality Requirements for Distribution of Byproduct Material [LAC 33:XV.102, 301, 304, 322, 324, 328, 361, 399, 460, 465, 499, 541, 731, and 1302] Finalizes amendments to radiation protection regulations regarding distribution of byproduct material to align with federal regulations found in 10 CFR Parts 20, 30-32, 34-35, 40 and 70. Effective 07/20/2015.
LA071015-3	Radiation Licensing	07/20/2015	RP058ft	Proposed Rule Hearing	Louisiana Department of Environmental Quality Decommissioning Planning [LAC 33:XV.325, 331-332 and 430] Proposes to amend radiation protection regulations to align with federal regulatory updates that changed the following rules: <ul style="list-style-type: none"> Decommissioning License terminations Terms and conditions of licenses Inalienability of licenses Public hearing is scheduled for 08/26/2015 in Baton Rouge, Louisiana. Comments due 08/26/2015.
LA071015-4	Water	07/20/2015	WQ093ft	Proposed Rule Hearing	Louisiana Department of Environmental Quality Chapter 49 Incorporation by Reference Update [LAC 33:IX.4901 and 4903] Proposes to update LAC 33:IX Chapter 49 reference dates to align with dates found in 40 CFR Part 136 and 40 CFR Chapter I, Subchapter N, Parts 401, 405-471. Public hearing is scheduled for 08/26/2015 in Baton Rouge, Louisiana. Comments due 08/26/2015.

2.5 Maryland State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Maryland](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
MD071015-1	Air SIP	07/06/2015	80 FR 38403 HTML PDF	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Maryland; Minor New Source Review Requirements [40 CFR Part 52] Finalizes SIP revisions, including: <ul style="list-style-type: none"> Retaining exemptions to permits to construct for smaller emissions sources as approved in the Maryland SIP Clarifying that electric generating stations, meeting the definitions of NSPS sources and NESHAP sources, are exempt from MDE permitting requirements only if they receive a Certification of Public Convenience and Necessity from the MPSC. Effective 08/05/2015.
MD071015-2	Water NPDES	07/10/2015	42:14 Md.R. 920-921	Proposed Rule Meeting	Department of the Environment Water Pollution [COMAR 26.08.03.01 and 26.08.04.01] Proposes to revise existing regulations to no longer apply an arbitrary flow volume (10,000 gallons per day) when determining whether a discharge permit is required. Public meeting scheduled for 08/10/2015 in Baltimore, Maryland. Comments due 08/10/2015.

2.6 Mississippi State Regulatory Review

No regulatory items of interest were identified during this reporting period for [Mississippi](#).

2.7 New Mexico State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [New Mexico](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
NM071015-1	Air SIP	06/29/2015	80 FR 36956 HTML PDF	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; New Mexico; Infrastructure for the 2010 Sulfur Dioxide National Ambient Air Quality Standards [40 CFR Part 52] Proposes to approve SIP revisions for the implementation, maintenance, and enforcement of 2010 SO ₂ NAAQS. Comments due 07/29/2015.

2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Ohio](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH071015-1	Air	07/10/2015	DAPC – What's New	Final Rule	Division of Air Pollution Control, Ohio Environmental Protection Agency General Provisions Rules [OAC 3745-15] Finalizes revisions to general provisions for air pollution control, including the following: <ul style="list-style-type: none"> Authority of OEPA to collect emission information Measurement of air emissions Requirements for <i>de minimis</i> sources of emissions SSM requirements Air pollution nuisances Other administrative requirements Effective 07/20/2015.
OH071015-2	Waste CRO	07/02/2015	DMWM–Rules and Laws	Notice	Division of Materials and Waste Management, Ohio Environmental Protection Agency Cessation of Regulated Operation Rules [OAC 3745-352] Solicits comments on the CRO rules prior to OEPA review. Comments due 08/03/2015.
OH071015-3	Waste Hazardous Waste	07/01/2015	DMWM–Rules and Laws	Proposed Rule Hearing	Division of Materials and Waste Management, Ohio Environmental Protection Agency Set "L" Hazardous Waste Rules [OAC 3745-50 to 3745-57, 3745-65, 3745-66, 3745-69, 3745-256, 3745-266, 3745-270, 3745-273, 3745-279] Proposes revisions to numerous hazardous waste rules intended to align Ohio rules with federal RCRA standards. Rules include: <ul style="list-style-type: none"> Permitting Fees Identification and listing of wastes Generator, transporter, and TSD standards Land disposal restrictions Universal waste management Used oil management Hearing is scheduled for 08/04/2015 in Columbus, Ohio. Comments due 08/04/2015.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
OH071015-4	Water NPDES	07/02/2015	DSW-Rules and Laws	Proposed Rule Hearing	Division of Surface Water, Ohio Environmental Protection Agency General NPDES Permit Program [OAC 3745-38] Proposes revisions to the General Permitting Program rules, including updates to the following: <ul style="list-style-type: none"> ▪ Definitions and cross references ▪ Permit requirements ▪ Outfall locations ▪ Exemptions Hearing is scheduled for 08/11/2015 in Columbus, Ohio. Comments due 08/11/2015.
OH071015-5	Water Water Quality	07/02/2015	DSW-Rules and Laws	Proposed Rule	Division of Surface Water, Ohio Environmental Protection Agency Recreational Water Criteria [OAC 3745-1-07] Proposes revisions to the Recreational Water Criteria to be consistent with federal rules, including the following: <ul style="list-style-type: none"> ▪ Removing the three classes of primary contact recreation use and designating all waters of the state as primary contact recreation use ▪ Revising the geometric mean averaging period to 30 days ▪ Replacing the existing "Single Sample Maximum" terminology with the term "Statistical Threshold Value" Comments due 08/11/2015. If adopted, the Recreational Water Criteria would be implemented in programs that include NPDES permits and TMDL reports.

2.9 Texas State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Texas](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
TX071015-1	Air VOCs	06/30/2015	80 FR 37161 HTML PDF	Withdrawal	U.S. Environmental Protection Agency Approval and Promulgation of Implementation Plans; Texas; Revision to Control Volatile Organic Compound Emissions From Storage Tanks and Transport Vessels [40 CFR Part 52] Withdraws direct final rule (80 FR 27251 , 05/13/2015) regarding SIP revisions for control of VOC emissions from degassing of storage tanks, transport vessels, and marine vessels. Effective 06/30/2015.
TX071015-2	Commercial Space Transportation	07/06/2015	80 FR 38504 HTML PDF	Notice	Federal Aviation Administration Office of Commercial Space Transportation; Notice of Availability of the Final Environmental Assessment (Final EA), Finding of No Significant Impact (FONSI), and Record of Decision (ROD) for the Houston Spaceport, City of Houston, Harris County, Texas Announces the availability of the Final EA and FONSI/ROD , which analyzes the potential environmental impacts of establishing a commercial space launch site at the Ellington Airport.
TX071015-3	Hazardous Materials Transportation	07/02/2015	80 FR 38267 HTML PDF	Notice	Pipeline and Hazardous Materials Safety Administration Hazardous Materials: Notice of Application for Modification of Special Permit Announces the receipt of permit modification application 15515-M for NASA (Houston, Texas) to authorize an active PRD and add operational controls to authorize an alternative to the requirement for a rigid outer packaging. Comments due 07/17/2015.

2.9.1 HGB Redesignation Substitute SIP Revision

On 01 July 2015, the Texas Commission on Environmental Quality adopted the [Houston-Galveston-Brazoria \(HGB\) Redesignation Substitute State Implementation Program Revision](#) for the 1-hour Ozone National Ambient Air Quality Standards (NAAQS). Although the 1-hour Ozone NAAQS was revoked in June 2005, the HGB area is still subject to anti-backsliding requirements. This revision satisfies the anti-backsliding obligations and ensures that the redesignation requirements are met for the HGB area.

2.10 Utah State Regulatory Review

No regulatory items of interest were identified during this reporting period for [Utah](#).

2.11 Virginia State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in [Virginia](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description
VA071015-1	Air NESHAP, NSPS	07/06/2015	80 FR 38446 HTML PDF	Notice	U.S. Environmental Protection Agency Delegation of Authority to the Commonwealth of Virginia to Implement and Enforce Additional or Revised National Emissions Standards for Hazardous Air Pollutants and New Source Performance Standards Announces updates to EPA's delegation of authority to the Commonwealth of Virginia to implement and enforce NESHAP and NSPS requirements. Effective 05/07/2015.
VA071015-2 WFF should be aware of this action.	Natural Resources Coastal Zone Management	07/10/2015	VDEQ website	Notice	Virginia Department of Environmental Quality Federal Consistency Determination Solicits comments on VDEQ's review of NASA's proposal to authorize the Virginia Commercial Space Flight Authority and Orbital ATK to process, static fire test, and launch the 200 Configuration Antares Expendable Launch Vehicle from WFF. Comments due 07/24/2015.
VA071015-3	Waste Solid Waste	06/30/2015	VDEQ website	Notice	Virginia Department of Environmental Quality 2014 Annual Solid Waste Report Announces availability of the 2014 Annual Solid Waste Report .
VA071015-4	Water Surface Water	07/09/2015	Virginia Town Hall website	Final Rule	State Water Control Board, Virginia Department of Environmental Quality Surface Water Management Area Regulation [9VAC25-220] Announces periodic review has determined regulations will be retained in their current form. Effective 07/08/2015.
VA071015-5	Water VPDES	06/30/2015	VDEQ website	Notice Public comment	State Water Control Board, Virginia Department of Environmental Quality LaRC VPDES Permit VA0024741 Solicits comments on LaRC's draft VPDES permit. Comments due 07/20/2015.